BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Name of Work: **Improvements to Roads, Drains and Drilling Borwells in ward no. 07 & 08 of Kodigehalli Sub-Division of Byatarayanapura Division, under P3106 Nagarathana works.**

DETAILED MEASURMENT BOOK

5th and FINAL BILL

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 5	
Item name:-	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH chapter 5, No. 160 / Item No. 21.3 / PWD SR 2015-16

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 240.00m to 270.00m		1	30	(11.90+12)/2	11.95		358.50	
	CH 270.00m to 275.00m		1	5	(9.0+9.0)/2	9.00		45.00	
		Sqm			**Net QTY**			**403.50**	

RBI-TECHNICAL SERVICES

Proprietor

AE(Civil)

14/1/15

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 6

Item name:- KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, Page No. 157 / Item No. 20.18 / PWD SR 2015-16

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 210.00m to 240.00m		1	30	(11.6+11.7)/2	11.65	0.25	87.38	
	CH 240.00m to 270.00m		1	30	(11.9+12)/2	11.95	0.25	89.63	
	CH 270.00m to 275.00m		1	5	(9+9)/2	9.00	0.25	11.25	
		cum			**Net QTY**			**188.25**	

RBI-TECHNICAL SERVICES

Proprietor

Accepted. NO DEVIATION 30/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 8

Item name:- KSRRB M500-6: Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications. MORTH specification NO. 502, Page No. 160 / Item No. 21.5 / PWD SR 2015-16

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 210.00m to 240.00m		1	30	(11.6+11.7)/2	11.65		349.50	
	CH 240.00m to 270.00m		1	30	(11.9+12)/2	11.95		358.50	
	CH 270.00m to 275.00m		1	5	(9+9)/2	9.00		45.00	
		Sqm			**Net QTY**			**753.00**	

RBI-TECHNICAL SERVICES

Proprietor

Arthy. N.D
AE(NH)

12/2/15

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 11

Item name:- Providing and laying bituminous macadum on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with FE loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (50 to 75mm) with 3.3% VG-30 bitumen.

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 210.00m to 240.00m		1	30	(11.6+11.7)/2	11.65	0.05	17.48	
c	CH 240.00m to 270.00m		1	30	(11.9+12)/2	11.95	0.05	17.93	
	CH 270.00m to 275.00m		1	5	(9+9)/2	9.00	0.05	2.25	
		cum			Net QTY			37.65	

RBI-TECHNICAL SERVICES
Proprietor

AE(IT)
14/2/19

14/2/19
Assistant Executive Engineer,
Kodigehalli Sub Division
Yelahanka Zone, G.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acqui...g the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 12

Item name:- KSRRB M500-18: Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 509 complete in all respects as per specifications. using 40-60 TPH capacity H.M.P with mechanical paver Gr-II (30 to 45mm) with 6% CRMB-55. (Item No. 21.23.6, Page No. 164,)

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 210.00m to 240.00m		1	30	(11.6+11.7)/2	11.65	0.04	13.98	
	CH 240.00m to 270.00m		1	30	(11.9+12)/2	11.95	0.04	14.34	
	CH 270.00m to 275.00m		1	5	(9+9)/2	9.00	0.04	1.80	
		cum			**Net QTY**			**30.12**	

RBI-TECHNICAL SERVICES
Proprietor

AE(HT)
11/9

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 13								
Item name:-		Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.133 of PWDSR 2015-16)						
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Date of Measurments								
			Same as item no 5				**403.50**	
		Sqm	.		**Net QTY**		**403.50**	
					Qty Restricted to		**250.14**	

For RBI-TECHNICAL SERVICES

Proprietor

Asst. E.E. N.D DE(NH)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 53	
Item name:-	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurments								
	Esteem mall road							
	Right Hand Side							
	CH 00.00m to 30.00m		1	30	0.9		27	
	CH 30.0m to 60.00m		1	30	0.9		27	
	CH 60.00m to 90.00m		1	30	0.9		27	
	CH 90.00m to 120.00m		1	30	0.9		27	
	CH 120.00m to 135.00m		1	15	0.9		13.5	
		Sqm			**Net QTY**		**121.50**	

RBI-TECHNICAL SERVICES
Proprietor

Abhilash.N.D
AE(WZ)
20/2/19

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 56	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	To raise drain near esteem mall								
	CH 0.00m to 30.00m		2	30		0.40		24.00	
	CH 30.0m to 60.00m		2	30		0.40		24.00	
	CH 60.00m to 90.00m		2	30		0.40		24.00	
		Sqm				**Net QTY**		**72.00**	

RBI-TECHNICAL SERVICES
Proprietor

Asstt.N.D
AE(LA)
14/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- 63	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 25 / Item No. 5.29.1 / PWD SR 2015-16

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	For new drain								
	CH 0.00m to 30.00m		1	30				30	
	CH 30.0m to 60.00m		1	30				30	
	CH 60.00m to 90.00m		1	30				30	
	CH 90.00m to 120.00m		1	30				30	
	CH 120.00m to 135.00m		1	15				15	
					Total length/0.45			135.00	
		Nos			**Net Qty**			**300.00**	

RBI-TECHNICAL SERVICES

Proprietor

AE(IV)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- E1								
Item name:-	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2015-16)							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	2	3	4	5	6	7	8	9
Date of Measurments								
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)							
	CH 0.00m to 30.00m		2.00	30.00	0.10		6.00	
	CH 30.0m to 60.00m		2.00	30.00	0.10		6.00	
	CH 60.00m to 90.00m		2.00	30.00	0.10		6.00	
	CH 90.00m to 120.00m		2.00	30.00	0.10		6.00	
	CH 120.00m to 150.00m		2.00	30.00	0.10		6.00	
	CH 150.00m to 180.00m		2.00	30.00	0.10		6.00	
	CH 180.00m to 210.00m		2.00	30.00	0.10		6.00	
	CH 210.00m to 240.00m		2.00	30.00	0.10		6.00	
	CH 240.00m to 270.00m		2.00	30.00	0.10		6.00	
	CH 270.00m to 275.00m		2.00	5.00	0.10		1.00	
		Sqm				**Net qty**	**55.00**	

For RBI-TECHNICAL SERVICES

Proprietor

AEE(NH) 11/3

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of the work: **Widenng and formation of footpath for NH-7 (Esteem mall point upto Kempapura circle by acquiring the land of Embassy builders and adjacent private property)**

Name of Agency : Sir G N Ramesh

Item No:- E2

Item name:- Construction of granular sub base by providing close graded crushed stone aggregates of granite/trap/basalt material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method by rotator at OMC and compacting with vibratory power roller to achieve the desired density, complete as per specifications., (Pg No.155, Item No.20.5.1)

SL No	Particulars	Unit	Nos	L	B	Avg (B)	D	Qty	Remarks
1	2	3	4	5	6	7	8	9	10
Date of Measurments									
	Existing road from esteem mall (from NH-7 to chiranjeevi circle)								
	CH 240.00m to 270.00m		1	30	(11.9+12)/2	11.95	0.30	107.55	
	CH 270.00m to 275.00m		1	5	(9+9)/2	9.00	0.30	13.50	
		cum			**Net QTY**			**121.05**	

OF RBI-TECHNICAL SERVICES

Proprietor

Abhilash.N.D
JE(Civil)
23/1/19

23/1

Assistant Executive Engineer
Kodigehalli Sub Divisio.
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Improvements roads in sahakaranagara G block and surroundings in ward no.07, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 4								
Item name:-	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 141 / Item No. 19.1/ PWD SR 2015-16							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Date of Measurments								
	Culvert Near Big Market		1	18.00	1.80	1.80	58.32	
	Culvert near HDFC Bank		1	6.00	1.50	1.20	10.80	
		Cum			**Net qty**		**69.12**	

of RBI-TECHNICAL SERVICES

Proprietor

AEE(IV) 8/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Improvements roads in sahakaranagara G block and surroundings in ward no.07,

Name of Agency : Sir G N Ramesh

Item No:- 50								
Item name:-		**KSRB 4-1.3:** Providing and laying in position plain cement concrete of nominal mix 1:4:8 using **40mm** and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12,						
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Date of Measurments								
	Culvert Near Big Market		1	18.00	1.80	0.15	4.86	
	Culvert near HDFC Bank		1	6.00	1.50	0.15	1.35	
		Cum				**Net qty**	**6.21**	

RBI-TECHNICAL SERVICES
Proprietor

AE(NZ)
10/1/19

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Improvements roads in sahakaranagara G block and surroundings in ward no.07,

Name of Agency : Sir G N Ramesh

Item No:- 60								
Item name:-	KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications. (Page No. 12. Item No. 4.6)							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Date of Measurments								
	Culvert Near Big Market		2	18.00	0.60	0.15	3.24	
	Culvert near HDFC Bank		2	6.00	0.45	0.15	0.81	
	Coping						0.00	
	Culvert Near Big Market		2	18.00	0.60	0.10	2.16	
	Culvert near HDFC Bank		2	6.00	0.45	0.10	0.54	
		Cum				**Net qty**	**6.75**	

RBI-TECHNICAL SERVICES
Proprietor

DE(12)
24/1/19

Assistant Executive Engineer
Division
B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Improvements roads in sahakaranagara G block and surroundings in ward no.07,

Name of Agency : Sir G N Ramesh

Item No:- 58	
Item name:-	KSRB 5.4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Available stones

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurments								
	Culvert Near Big Market		2	18.00	0.60	1.20	25.92	
	Culvert near HDFC Bank		2	6.00	0.45	0.90	4.86	
		Cum				**Net qty**	**30.78**	
					Qty Restricted to		**12.78**	

RBI-TECHNICAL SERVICES
Proprietor

AE(HQ)
18/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Improvements roads in sahakaranagara G block and surroundings in ward no.07,

Name of Agency : Sir G N Ramesh

Item No:- E4							
Item name:-	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurments								
	Culvert Near Big Market		30.00	1.80	0.60		32.40	
	Culvert near HDFC Bank		10.00	1.80	0.60		10.80	
		Sqm				**Net qty**	**43.20**	

RBI-TECHNICAL SERVICES
Proprietor

AEE(Z2)
11/9

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Roads and Drains in Hoysala layout Amruthalli in ward no.07, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- E1	
Item name:-	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2015-16)

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	Saint Johns school							
	Ch 0.00m to 30.00m		2	30.00	0.10		6.00	
	Ch 30.00m to 60.00m		2	30.00	0.10		6.00	
	Ch 60.00m to 90.00m		2	30.00	0.10		6.00	
	Ch 90.00m to 120.00m		2	30.00	0.10		6.00	
	Ch 120.00m to 150.00m		2	30.00	0.10		6.00	
	Ch 150.00m to 180.00m		2	30.00	0.10		6.00	
	Ch 180.00m to 210.00m		2	30.00	0.10		6.00	
	Ch 210.00m to 226.00m		2	16.00	0.10		3.20	
		Sqm				**Net qty**	**45.20**	

KBH TECHNICAL SERVICES
Proprietor

AEE(W2)
11/9

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Roads and Drains in Ayyappa swamy Temple opposite roads (Gopalappa Layout) in ward no.07, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- E1							
Item name:-	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2015-16)						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	2nd main road,Venkategowda layout, Sri. Ayyappa Temple Street							
	Ch 0.00m to 30.00m		0.50	30.00	0.10		1.50	-
	Ch 30.00m to 60.00m		0.50	30.00	0.10		1.50	-
	Ch 60.00m to 90.00m		0.50	30.00	0.10		1.50	-
	Ch 90.00m to 120.00m		0.50	30.00	0.10		1.50	-
	Ch 120.00m to 150.00m		0.50	30.00	0.10		1.50	-
	Ch 150.00m to 180.00m		0.50	30.00	0.10		1.50	-
	Ch 180.00m to 210.00m		0.50	30.00	0.10		1.50	-
	Ch 210.00m to 240.00m		0.50	30.00	0.10		1.50	-
	Ch 240.00m to 270.00m		0.50	30.00	0.10		1.50	-
	Ch 270.00m to 294.00m		0.50	24.00	0.10		1.20	-
	1st "A" main road,Venkategowda layout, Sri. Ayyappa Temple Street							
	Ch 0.00m to 30.00m		2.00	30.00	0.10		6.00	-
	Ch 30.00m to 60.00m		2.00	30.00	0.10		6.00	-
	Ch 60.00m to 90.00m		2.00	30.00	0.10		6.00	-
	Ch 90.00m to 120.00m		2.00	30.00	0.10		6.00	-
	Ch 120.00m to 150.00m		2.00	30.00	0.10		6.00	-
	Ch 150.00m to 180.00m		2.00	30.00	0.10		6.00	-
	Ch 180.00m to 210.00m		2.00	30.00	0.10		6.00	-
	Ch 210.00m to 240.00m		2.00	30.00	0.10		6.00	-
	Ch 240.00m to 270.00m		2.00	30.00	0.10		6.00	-
	Ch 270.00m to 279.2m		2.00	9.20	0.10		1.84	-
	1st "B" main road,Venkategowda layout, Sri. Ayyappa Temple Street							
	Ch 0.00m to 30.00m		0.50	30.00	0.10		1.50	-
	Ch 30.00m to 60.00m		0.50	30.00	0.10		1.50	-
	Ch 60.00m to 90.00m		0.50	30.00	0.10		1.50	-
	Ch 90.00m to 120.00m		0.50	30.00	0.10		1.50	-
	Ch 120.00m to 150.00m		0.50	30.00	0.10		1.50	-
	Ch 150.00m to 180.00m		0.50	30.00	0.10		1.50	-
	Ch 180.00m to 210.00m		0.50	30.00	0.10		1.50	-
	Ch 210.00m to 240.00m		0.50	30.00	0.10		1.50	-
	Ch 240.00m to 270.00m		0.50	30.00	0.10		1.50	-
	Ch 270.00m to 300.00m		0.50	30.00	0.10		1.50	-

	Ch 300.00m to309.6m		0.50	9.60	0.10		0.48	-
	1st main road, Muneshwara Temple Street							
	Ch 0.00m to 30.00m		0.50	30.00	0.10		1.50	-
	Ch 30.00m to 60.00m		0.50	30.00	0.10		1.50	-
	Ch 60.00m to 90.00m		0.50	30.00	0.10		1.50	-
	Ch 90.00m to 120.00m		0.50	30.00	0.10		1.50	-
	Ch 120.00m to 150.00m		0.50	30.00	0.10		1.50	-
	Ch 150.00m to 180.00m		0.50	30.00	0.10		1.50	-
	Ch 180.00m to 210.00m		0.50	30.00	0.10		1.50	-
	Ch 210.00m to 240.00m		0.50	30.00	0.10		1.50	-
	Ch 240.00m to 270.00m		0.50	30.00	0.10		1.50	-
	Ch 270.00m to 300.00m		0.50	30.00	0.10		1.50	-
	Ch 300.00m to306.00m		0.50	6.00	0.10		0.30	-
	3rd main road, Muneshwara Temple Street							
	Ch 0.00m to 30.00m		0.50	30.00	0.10		1.50	-
	Ch 30.00m to 60.00m		0.50	30.00	0.10		1.50	-
	Ch 60.00m to 90.00m		0.50	30.00	0.10		1.50	-
	Ch 90.00m to 120.00m		0.50	30.00	0.10		1.50	-
	Ch 120.00m to 150.00m		0.50	30.00	0.10		1.50	-
	Ch 150.00m to 180.00m		0.50	30.00	0.10		1.50	-
	Ch 180.00m to 210.00m		0.50	30.00	0.10		1.50	-
	Ch 210.00m to 240.00m		0.50	30.00	0.10		1.50	-
	Ch 240.00m to 269.00m		0.50	29.00	0.10		1.45	-
		Sqm				**Net qty**	**114.77**	

Proprietor

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

Name of work: Formation and asphalting to main road of veerannana palya from railway level crossing upto outer ring road in ward no.07, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- E1

Item name:- KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2015-16)

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	Main road from ORR to Railway Track							
	CH 0.00m to 30.00m		1.00	30.00	0.10		3.00	
	CH 30.0m to 60.00m		1.00	30.00	0.10		3.00	
	CH 60.00m to 90.00m		1.00	30.00	0.10		3.00	
	CH 90.00m to 120.00m		2.00	30.00	0.10		6.00	
	CH 120.00m to 150.00m		2.00	30.00	0.10		6.00	
	CH 150.00m to 180.00m		2.00	30.00	0.10		6.00	
	CH 180.00m to 210.00m		2.00	30.00	0.10		6.00	
	CH 210.00m to 240.00m		2.00	30.00	0.10		6.00	
	CH 240.00m to 270.00m		2.00	30.00	0.10		6.00	
	CH 270.00m to 300.00m		2.00	30.00	0.10		6.00	
	CH 300.00m to 330.00m		2.00	30.00	0.10		6.00	
	CH 330.00m to 360.00m		2.00	30.00	0.10		6.00	
	CH 360.00m to 390.00m		2.00	30.00	0.10		6.00	
	CH 390.00m to 420.00m		2.00	30.00	0.10		6.00	
	CH 420.00m to 450.00m		2.00	30.00	0.10		6.00	
	CH 450.00m to 480.00m		2.00	30.00	0.10		6.00	
	CH 480.00m to 500.00m		2.00	20.00	0.10		4.00	
	6th cross							
	CH 0.00m to 30.00m		2.00	30.00	0.10		6.00	
	CH 30.0m to 60.00m		2.00	30.00	0.10		6.00	
	CH 60.00m to 90.00m		2.00	30.00	0.10		6.00	
	CH 90.00m to 120.00m		2.00	30.00	0.10		6.00	
	CH 120.00m to 130.00m		2.00	10.00	0.10		2.00	
	Cross road 1							
	CH 0.00m to 30.00m		0.50	30.00	0.10		1.50	
	CH 30.0m to 60.00m		0.50	30.00	0.10		1.50	
	CH 60.00m to 90.00m		0.50	30.00	0.10		1.50	
	CH 90.00m to 120.00m		0.50	30.00	0.10		1.50	
	Cross road 2							
	CH 0.00m to 30.00m		0.50	30.00	0.10		1.50	
	CH 30.0m to 60.00m		0.50	30.00	0.10		1.50	
	CH 60.00m to 90.00m		0.50	30.00	0.10		1.50	
	CH 90.00m to 120.00m		0.50	30.00	0.10		1.50	
	5th Cross							
	CH 0.00m to 30.00m		0.50	30.00	0.10		1.50	
	CH 30.0m to 60.00m		0.50	30.00	0.10		1.50	
	CH 60.00m to 90.00m		0.50	30.00	0.10		1.50	
	CH 90.00m to 115.00m		0.50	15.00	0.10		0.75	

	4th cross							
	CH 0.00m to 30.00m		0.50	30.00	0.10		1.50	
	CH 30.0m to 60.00m		0.50	30.00	0.10		1.50	
	CH 60.00m to 90.00m		0.50	30.00	0.10		1.50	
	CH 90.00m to 120.00m		0.50	30.00	0.10		1.50	
	CH 120.00m to 150.00m		0.50	30.00	0.10		1.50	
	CH 150.00m to 180.00m		0.50	30.00	0.10		1.50	
	CH 180.00m to 210.00m		0.50	30.00	0.10		1.50	
	CH 210.00m to 220.00m		0.50	10.00	0.10		0.50	
	3rd 'A' Cross							
	CH 0.00m to 30.00m		2.00	30.00	0.10		6.00	
	CH 30.0m to 60.00m		2.00	30.00	0.10		6.00	
	CH 60.00m to 90.00m		2.00	30.00	0.10		6.00	
	CH 90.00m to 120.00m		2.00	30.00	0.10		6.00	
	CH 120.00m to 140.00m		2.00	20.00	0.10		4.00	
	3rd Cross							
	CH 0.00m to 30.00m		2.00	30.00	0.10		6.00	
	CH 30.0m to 60.00m		2.00	30.00	0.10		6.00	
	CH 60.00m to 75.00m		2.00	15.00	0.10		3.00	
	2nd Cross							
	CH 0.00m to 30.00m		0.50	30.00	0.10		1.50	
	CH 30.0m to 40.00m		0.50	10.00	0.10		0.50	
		Sqm				**Net qty**	**190.25**	

RBI TECHNICAL SERVICES

Proprietor

AEE(WZ)

Assistant Executive Engineer,
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 14								
Item name:-	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, No. 5/ Item No. 2.1/ PWD SR 2015-16							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	2	3	4	5	6	7	8	9
Date of Measurments								
	walk way path and interlocking tiles							
	RHS		1	65.00	2.00	0.20	26.00	
	walk way path and interlocking tiles							
	LHS		1	65.00	2.00	0.20	26.00	
	For Fencing		20	0.30	0.30	0.30	0.54	
		Cum				**Net qty**	**52.54**	

KBI-TECHNICAL SERVICES

Proprietor

6/2/19

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 13								
Item name:-		Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.133 of PWDSR 2015-16)						
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	2	3	4	5	6	7	8	9
Date of Measurments								
			Same as item no 14				**52.54**	
		Cum				**Net qty**	**52.54**	

RBI-TECHNICAL SERVICES
Proprietor

10.08
6/2

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 15								
Item name:-	Providing and laying heavy duty cobble stones 75 mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50 mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of snad underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. (PWDSR 2015-16, P. 101, I. 14.7)							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	2	3	4	5	6	7	8	9
Date of Measurments								
	walk way path and interlocking tiles							
	RHS		1	65.00	2.00		130.00	
	walk way path and interlocking tiles							
	LHS		1	65.00	2.00		130.00	
		Sqm				**Net qty**	**260.00**	
						Qty Restricted to	**259.80**	

RBI-TECHNICAL SERVICES
Proprietor

26/2/19

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 17							
Item name:-	Providing Children Play Two Seater Standard SWing Equipment: This sWing' consist of 2 Nos. seats of solid metal seats powder coated of Size-500mmx 250mm x 16 SWG supported by MS chains of Length 1.8mtrs, each seat is suspended by 1 line of chain. The chains are supported by circular housingswith bearing from which the chain in suspended. The beam is of 50mm MS tAt class pipe. Size of MS • chain 30mm x 20mm x 5mm thick, the length of the main beam is 2.40 mtrs and No. 1 24800.00 25300.00 28400.00 24000.00 -263.00.00 *·Lowestheight 2.00mtrs. The 2 Nos of cost iron-heads. Four footing are in 42mm pipes. All pipes are of lSI grade. All the pipes are painted with two coats of superset paint over a coat of protective Zinc chromate yellow oxide including fiXing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift. loading. unloading and any other incidental charges and as per the drawing and specification and directionof the Engineerin chargeof the work						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	Children Play Two Seater Standard SWing Equipment		1				1.00	
		Nos				Net qty	1.00	

KBI-TECHNOCRATS

Proprietor

1:08 26/07/19

Assistant Executive Engineer
Kodigehalli Sub
Yelahanka Zone
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 18								
Item name:-	Providing Children Play Merry-Go-Round Equipment: Made of MS. 'A' class pipes. Main pillars are in 100mm, fitted with shaft and two bearings and other cross members are in 25 & 20mm MA 'A' Class pipes, bottom ring is made out of 25mm 0 ring size is 1.20 mtrs Dia, fitted with four seats are in mental sats of 250 x 200 x 18SGE, handles are made out of 20mm NB pipes and other supports are in 25mm MS 'N class pipes. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as per the drawing and specification and direction of the Engineer incharge of the work							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	Date of Measurments							
	Children Play Merry-Go-Round Equipment		2				2.00	
		Nos				**Net qty**	**2.00**	

For RBI-TECHNICAL SERVICES

Proprietor

26/02/19

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 19							
Item name:-	Providing Children Play Two Seater Swing Duck Equipment: This swing consist of 2 Nos. FRP Ducks supported by MS chains of Length 1.05mtrs, each duck Is suspended by 3 lines of chains. The chains are supported by circular housings with bearing from which the chain in suspended. The main beam is of 42mm MS 'A' class pipe. Size of MS chain 30mm x 20mm x 5mm thick, the length of the main beam is 2.40 mtrs and height 1.95mtrs. Four footing are in 42mm pipes. All pipes are of lSI grade. All the pipes are painted with two coats of super set paint over a coat 0 protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as per the drawing and specification and direction of the Enalneer in charae of the work.						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	Children Play Two Seater Swing Duck Equipment		1				1.00	
		Nos				Net qty	1.00	

RBI-TECHNICAL SERVICES

Proprietor

11:00 26/2

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 20								
Item name:-		Providing Sitting chairs made of RCC including steel reinforcement as per the directions of the Engineer-in-charge of the work						
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	Date of Measurments							
	Sitting chairs		10				10.00	
		Nos				**Net qty**	**10.00**	

For RBI-TECHNICAL SERVICES

Proprietor

Work 26/2

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 21

Item name:- KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregares @ 0.465 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	For rectangular poles		20	0.30	0.30	0.15	0.27	
		Cum				**Net qty**	**0.27**	

RBI-TECHNICAL SERVICES
Proprietor

1508
11/02

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 22							
Item name:-	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, No. 12/ Item No. 4.5/ PWD SR 2015-16						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
	Date of Measurments							
	For rectangular poles		20	0.30	0.30	0.20	0.36	
		Cum				**Net qty**	**0.36**	

For RBI-TECHNICAL SERVICES

Proprietor

18/2

Assistant Executive Engineer
Kodigehalli Sub Divisic
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 23							
Item name:-	Supplying and fixing MS rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC 1:2:4 with 2 No. of 16mm dia MS hold fast rods each of length 25 cm, including ocst of all materials, cutting, bending, scaffolding wherever necessary, nicely finishing the welded joints with all leads and lifts and as per the directions of the Engineer in charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (PWDSR 2015-16, P. 255, I. 37.2)						

SL No	Particulars	Unit	Nos	L	B	D	Qty	Remarks
1	2	3	4	5	6	7	8	9
Date of Measurments								
	Rectangular poles		20	2.00			40.00	
		M				**Net qty**	**40.00**	

for RBI-TECHNICAL SERVICES

Proprietor

WOS

26/2

Assistant Executive Engineer
Kodigehalli Sub Divisic
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 24								
Item name:-	Providing and fixing MS block pipe of 38 mm dia of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (MS rectangular poles) and spot welding the chain link with MS block pipe including cost of all materials, wastage in cutting and scaffolding whereever necesssary with all lead and lift as directed by the Engineer in charge of the work and including providing 2 coats of approved quality paint over one coat of shop paint (PWDSR 2015-16, P. 255, I. 37.4)							
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	Date of Measurments							
	MS block pipe		3	48.00			144.00	
		M				**Net qty**	**144.00**	

RBI-TECHNICAL SERVICES

Proprietor

26/2

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASURMENT SHEETS

NAME OF THE WORK :- Improvements to Childrens park in Tatanagara in ward No. 8, Kodigehalli, Byatarayanapura.

Name of Agency : Sir G N Ramesh

Item No:- 25								
Item name:-		Providing chainlink fencking 50mm size of 8 guage properly stretched between existing rectangular poles andfixed with suitable bolts and nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts as per the direcdtions of the Engineer in charge of the work and including providing 2 coats of approved quality paint over one coat of shop paint (PWDSR 2015-16, P. 255, I. 37.3)						
SL No	**Particulars**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	Date of Measurments							
	Chainlink fencking		1	48.00	2.00		96.00	
		Sqm				**Net qty**	**96.00**	

of RBI-TECHNICAL SERVICES

Proprietor

26/2

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.